\_\_\_\_\_\_

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: markspencer

Timestamp: Tue Jun 26 12:53:07 EDT 2007

\_\_\_\_\_\_

## Validated By CRFValidator v 1.0.2

Application No: 10574740 Version No: 1.0

Input Set:

Output Set:

**Started:** 2007-06-25 15:59:53.368

Finished: 2007-06-25 15:59:53.936

**Elapsed:** 0 hr(s) 0 min(s) 0 sec(s) 568 ms

Total Warnings: 6

Total Errors: 0

No. of SeqIDs Defined: 15

Actual SeqID Count: 15

Error code		or code	Error Description									
	W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(10)
	W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(11)
	W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(12)
	W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(13)
	W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(14)
	W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(15)

## SEQUENCE LISTING

```
<110> IPK Institut fur Pflanzengenetik und Kulturpflanzenforschung
<120> Promoter for the epidermis-specific
 transgenic expression in plants
<130> MAIWAM7.005APC
<140> 10574740
<141> 2007-06-25
<150> PCT/EP2004/011214
<151> 2004-10-07
<150> DE 10346611.8
<151> 2003-10-07
<160> 15
<170> FastSEQ for Windows Version 4.0
<210> 1
<211> 2198
<212> DNA
<213> Triticum sp.
<400> 1
gacgccgaag tggagccgac agcccccagg tcccaagccc tcggcagact agatcactag 60
ccctggatcg gcgaggtgac tggatgacga gcagcacctg gtctggcggg tgttgggcga 120
gtagaaccag gggcgatggc gacgcgctga ccttctcccc tcaccggcga tctgctcctt 180
ctgggtgggg gtcgccggct gacgttctgt tgcggggtgg gggtcgccgg ctggcgttct 240
gctgcggggt gggagtcgcc gaccggcgtg ctgctgctag gacaatcggt gaggccagtt 300
aggtgctagc cgatcgattg gcgaagagat ccgagtcctg gggagatcag tgaggccagg 360
tgctaggctg ctagctaggg aactggatcc tggaacgtgg aggaggcaag tccggtatgc 480
taagtacttt aactttcctt cttcacatcc acctgattca gattattttg atctaaatta 540
acttgcaaaa aatatatgtg tgatatccat ctactataat tgcttacaat caaaattata 600
tgtgattttt tttagtttag aagatttata tgcacagtaa atctgaatgt tcttcacatg 660
catgatttag tttaacttta aagagttata ctaactagtc ttgataaaga gatcttttgg 720
agcaacacca aacctcgtga ggtgttttgc ctacggaaag gttgtgctat gtaatgatta 780
ttattaggat caaagttgta ggataaacgt aaaaccttct cgatgtatct tttatacaac 840
attgtagttt agttatatat ggagagagtg atttaacact ttgtgtttaa gagtagaata 900
agttattcca cactctagcc aaacgaacta tttggcaaat atctcgctag ctggtgagag 960
ccagagccgt ggaaagtctg tcttgctatt aaggcacaag catcaaacag gaacatttag 1020
agccatggaa aagtgatgtg tcgcctacca atgggccaac tgctagcgat gtaataatag 1080
catccaagtt gattttttat agaacatgca aggcgttggc aagtgggaaa atgattgatc 1140
gctggcaagc ttaactctcg gaacttatag cattcaactg aatcagaaca aagattaaaa 1200
aaaaatacat ttccatcgat agtgaaaaat tattcaattg agtgacaacg aaaatcatat 1260
tggaatgtac atttacttgt tgattttaaa ttagaggcat ttttctacct tttttagtta 1320
ataagatatg catataccca cccttagtgt tttcgagaca acgagagggc acattgcttt 1380
tggtgctacc atctctcta agcctcaaat aagttgtgcg gacacgatta tcttcccgcg 1440
ttggaatatc gtggcctggt agagctagcg aaaaatcttc catgttggaa tatgtcggca 1500
gccggatagc cgccatgcat gtaaagtctc ttttaccttt acacttgctc aagtgacact 1560
```

gtatgtcgcc taccacttgc taaatcaatg ggccaactgc tagcgacgta atagtagcaa 1620

```
gttgatttac agtgttttgc tacagttctc tgactttgtt tcttcatttt agactagctg 1680
actactgtcg cttacctgcc ttcccttctc cacgttagag gatccagttc tgatattgag 1740
acctcgacga tgggaggaag ggcgcgatcg atgtggagta atttgaattt caaatctatc 1800
tatctggggt atattggtcc ttcaccgatg tttggggggc tgtcggaaat tggttccgcg 1860
atctacaaaa gtgaatggag ggagtagttg tttctccaat ccgtaccaac gcacgtgttt 1920
ctaactagta cttacttcct tcgcaccaca atatggaata gagggagtat cgataaacta 1980
acaaagatga ttacttaccc ggtttaaatg attcaagagc tcatttaatt tggcactcat 2040
catttcatat atctttttg gtagaaatga aataaagcag atctagacac tagctaaaaa 2100
gtcgatgtag ccttgttatt tccttgggcc acgcgggccg ggtgtggtgc tccctgctct 2160
                                                                 2198
gtgtataaat ggagatcaac atccaaggcc tcctccca
<210> 2
<211> 114
<212> DNA
<213> Triticum sp.
<400> 2
gtcagtcgtc ggacggtgtc cgttcatttc ctccccattt ttgtaattga ttaacttgtt 60
atacatgctg acctcgacct gctgaataac gtccgtccat ggtttcccgt ccag
                                                                 114
<210> 3
<211> 2553
<212> DNA
<213> Triticum sp.
<400> 3
gacgccgaag tggagccgac agcccccagg tcccaagccc tcggcagact agatcactag 60
ccctggatcg gcgaggtgac tggatgacga gcagcacctg gtctggcggg tgttgggcga 120
gtagaaccag gggcgatggc gacgcgctga ccttctcccc tcaccggcga tctgctcctt 180
ctgggtgggg gtcgccggct gacgttctgt tgcggggtgg gggtcgccgg ctggcgttct 240
gctgcggggt gggagtcgcc gaccggcgtg ctgctgctag gacaatcggt gaggccagtt 300
aggtgctagc cgatcgattg gcgaagagat ccgagtcctg gggagatcag tgaggccagg 360
tgctaggctg ctagctaggg aactggatcc tggaacgtgg aggaggcaag tccggtatgc 480
taagtacttt aactttcctt cttcacatcc acctgattca gattattttg atctaaatta 540
acttgcaaaa aatatatgtg tgatatccat ctactataat tgcttacaat caaaattata 600
tgtgattttt tttagtttag aagatttata tgcacagtaa atctgaatgt tcttcacatg 660
catgatttag tttaacttta aagagttata ctaactagtc ttgataaaga gatcttttgg 720
agcaacacca aacctcgtga ggtgttttgc ctacggaaag gttgtgctat gtaatgatta 780
ttattaggat caaagttgta ggataaacgt aaaaccttct cgatgtatct tttatacaac 840
attgtagttt agttatatat ggagagagtg atttaacact ttgtgtttaa gagtagaata 900
agttattcca cactctagcc aaacgaacta tttggcaaat atctcgctag ctggtgagag 960
ccagagccgt ggaaagtctg tcttgctatt aaggcacaag catcaaacag gaacatttag 1020
agccatggaa aagtgatgtg tcgcctacca atgggccaac tgctagcgat gtaataatag 1080
catccaagtt gattttttat agaacatgca aggcgttggc aagtgggaaa atgattgatc 1140
gctggcaagc ttaactctcg gaacttatag cattcaactg aatcagaaca aagattaaaa 1200
aaaaatacat ttccatcgat agtgaaaaat tattcaattg agtgacaacg aaaatcatat 1260
tggaatgtac atttacttgt tgattttaaa ttagaggcat ttttctacct tttttagtta 1320
ataagatatg catataccca cccttagtgt tttcgagaca acgagagggc acattgcttt 1380
tggtgctacc atctctcta agcctcaaat aagttgtgcg gacacgatta tcttcccgcg 1440
ttggaatatc gtggcctggt agagctagcg aaaaatcttc catgttggaa tatgtcggca 1500
gccggatagc cgccatgcat gtaaagtctc ttttaccttt acacttgctc aagtgacact 1560
gtatgtcgcc taccacttgc taaatcaatg ggccaactgc tagcgacgta atagtagcaa 1620
gttgatttac agtgttttgc tacagttctc tgactttgtt tcttcatttt agactagctg 1680
actactgtcg cttacctgcc ttcccttctc cacgttagag gatccagttc tgatattgag 1740
acctcgacga tgggaggaag ggcgcgatcg atgtggagta atttgaattt caaatctatc 1800
tatctggggt atattggtcc ttcaccgatg tttggggggc tgtcggaaat tggttccgcg 1860
```

```
atctacaaaa gtgaatggag ggagtagttg tttctccaat ccgtaccaac gcacgtgttt 1920
ctaactagta cttacttcct tcgcaccaca atatggaata gagggagtat cgataaacta 1980
acaaagatga ttacttaccc ggtttaaatg attcaagagc tcatttaatt tggcactcat 2040
catttcatat atctttttg gtagaaatga aataaagcag atctagacac tagctaaaaa 2100
gtcgatgtag ccttgttatt tccttgggcc acgcgggccg ggtgtggtgc tccctgctct 2160
gtgtataaat ggagatcaac atccaaggcc tcctcccaca cacacacgct acagagcaga 2220
gcagagtett getecagtat etgecetete etgeetgeet gtagageate cateaegtga 2280
agttcacgga caaactacgt acacaggcag ctagctctcg aaacctcgct cgaaacgcac 2340
ctgcagatcg ctctcttcgt cgtcgtcgcc gcgatcatca tcaacagctc cgtctgcctt 2400
ggagccacgg ccgtccacga cgccgccgcc tcaggtcagt cgtcggacgg tgtccgttca 2460
tttcctcccc atttttgtaa ttgattaact tgttatacat gctgacctcg acctgctgaa 2520
                                                                  2553
taacgtccgt ccatggtttc ccgtccaggc acc
<210> 4
<211> 1246
<212> DNA
<213> Triticum sp.
<400> 4
accaccacac cactccacca gtaagaagtg cagcaggtag ctagtaagcc ggcgtagctt 60
tgctcttgca gctagctagc taaccatggc cgcctctgcc tcttgccttt ctcttgtggt 120
gctcgtggct ctggccacgg cggcgtcggc gcagctgtca ccgaccttct acgacacgtc 180
ctgccccagg gccctggcca tcatcaagag tggcgtcatg gccgccgtga gcagcgaccc 240
tcggatgggc gcgtcgctgc tccggctgca cttccacgac tgcttcgtcc aaggctgcga 300
cgcgtctgtt ttgctgtctg gcatggaaca aaatgctatc ccgaacgcgg ggtcgctgag 360
gggcttcggc gtcatcgaca gcatcaagac gcagatcgag gccatctgca atcagaccgt 420
ctcctgcgcc gacatcctca ccgtcgccgc ccgtgactcc gttgtagccc tcggagggcc 480
gtcatggaca gtccctctgg ggagaagaga ttccacagat gcaaacgagg cggcggcaaa 540
cagcgacctg ccaggcttta catctagccg gtcagatctt gagctggcat tcagaaacaa 600
gggcctcctt acgatcgaca tggtggccct ctcgggcgcg cacaccatcg gccaggcgca 660
gtgtgggacc tttaaggaca ggatctacaa tgagactaac atcgacacgg ccttcgccac 720
atctctccgg gccaactgcc ccaggtcaaa cggcgacggg agcctggcga acctggacac 780
gacgacggcc aacacgttcg ataacgccta ctacaccaac ctcatgtcac agaagggct 840
cctgcactcg gaccaggtgc tgttcaacaa cgacaccacc gacaacactg tccggaactt 900
tgcgtcgaac ccagcggcgt tcagcagcgc cttcacgacc gccatgatca agatgggcaa 960
catcgcgccg aagacaggca cgcaggggca gatcaggctc agctgctcca gggtgaactc 1020
gtgattgata gacgagttac tgcatactag ccagcacgac acgtacgtga atgaataagg 1080
ccacagaacc agtggccaat ataaatacca gctcttgaaa ccgtgtattt tatgtacgag 1140
tagcagcaaa tcatgcatgc atctacacat atatatgtaa cgatcgaatt cccactttct 1200
                                                                  1246
catgcaaagg catggagaat tactatcaat cttagttata cgtgta
<210> 5
<211> 7011
<212> DNA
<213> Triticum sp.
<400> 5
ctaaattgta agcgttaata ttttgttaaa attcgcgtta aatttttgtt aaatcagctc 60
attttttaac caataggccg aaatcggcaa aatcccttat aaatcaaaag aatagaccga 120
gatagggttg agtgttgttc cagtttggaa caagagtcca ctattaaaga acgtggactc 180
caacgtcaaa gggcgaaaaa ccgtctatca gggcgatggc ccactacgtg aaccatcacc 240
ctaatcaagt tttttggggt cgaggtgccg taaagcacta aatcggaacc ctaaagggag 300
cccccgattt agagcttgac ggggaaagcc ggcgaacgtg gcgagaaagg aagggaagaa 360
agcgaaagga gcgggcgcta gggcgctggc aagtgtagcg gtcacgctgc gcgtaaccac 420
cacacccgcc gcgcttaatg cgccgctaca gggcgcgtcc cattcgccat tcaggctgcg 480
caactgttgg gaagggcgat cggtgcgggc ctcttcgcta ttacgccagc tggcgaaagg 540
```

gggatgtgct gcaaggcgat taagttgggt aacgccaggg ttttcccagt cacgacgttg 600

```
taaaacgacg gccagtgagc gcgcgtaata cgactcacta tagggcgaat tgggtaccgg 660
gcccccctc gagtctagaa ctagtggatc cccgacgccg aagtggagcc gacagccccc 720
aggtcccaag ccctcggcag actagatcac tagccctgga tcggcgaggt gactggatga 780
cgagcagcac ctggtctggc gggtgttggg cgagtagaac caggggcgat ggcgacgcgc 840
tgaccttctc ccctcaccgg cgatctgctc cttctgggtg ggggtcgccg gctgacgttc 900
tgttgcgggg tgggggtcgc cggctggcgt tctgctgcgg ggtgggagtc gccgaccggc 960
gtgctgctgc taggacaatc ggtgaggcca gttaggtgct agccgatcga ttggcgaaga 1020
gatccgagtc ctggggagat cagtgaggcc aggtgctatt tggcctatca attggccagg 1080
ttctgggaac ggggcgtggc gtgatcaacg aggtgctagg ctgctagcta gggaactgga 1140
tcctggaacg tggaggaggc aagtccggta tgctaagtac tttaactttc cttcttcaca 1200
tccacctgat tcagattatt ttgatctaaa ttaacttgca aaaaatatat gtgtgatatc 1260
catctactat aattgcttac aatcaaaatt atatgtgatt ttttttagtt tagaagattt 1320
atatgcacag taaatctgaa tgttcttcac atgcatgatt tagtttaact ttaaagagtt 1380
atactaacta gtcttgataa agagatcttt tggagcaaca ccaaacctcg tgaggtgttt 1440
tgcctacgga aaggttgtgc tatgtaatga ttattattag gatcaaagtt gtaggataaa 1500
cgtaaaacct tctcgatgta tcttttatac aacattgtag tttagttata tatggagaga 1560
gtgatttaac actttgtgtt taagagtaga ataagttatt ccacactcta gccaaacgaa 1620
ctatttggca aatatctcgc tagctggtga gagccagagc cgtggaaagt ctgtcttgct 1680
attaaggcac aagcatcaaa caggaacatt tagagccatg gaaaagtgat gtgtcgccta 1740
ccaatgggcc aactgctagc gatgtaataa tagcatccaa gttgattttt tatagaacat 1800
gcaaggcgtt ggcaagtggg aaaatgattg atcgctggca agcttaactc tcggaactta 1860
tagcattcaa ctgaatcaga acaaagatta aaaaaaaata catttccatc gatagtgaaa 1920
aattattcaa ttgagtgaca acgaaaatca tattggaatg tacatttact tgttgatttt 1980
aaattagagg catttttcta ccttttttag ttaataagat atgcatatac ccacccttag 2040
tgttttcgag acaacgagag ggcacattgc ttttggtgct accatctctc tcaagcctca 2100
aataagttgt gcggacacga ttatcttccc gcgttggaat atcgtggcct ggtagagcta 2160
gcgaaaaatc ttccatgttg gaatatgtcg gcagccggat agccgccatg catgtaaagt 2220
ctcttttacc tttacacttg ctcaagtgac actgtatgtc gcctaccact tgctaaatca 2280
atgggccaac tgctagcgac gtaatagtag caagttgatt tacagtgttt tgctacagtt 2340
ctctgacttt gtttcttcat tttagactag ctgactactg tcgcttacct gccttccctt 2400
ctccacgtta gaggatccag ttctgatatt gagacctcga cgatgggagg aagggcgcga 2460
tcgatgtgga gtaatttgaa tttcaaatct atctatctgg ggtatattgg tccttcaccg 2520
atgtttgggg ggctgtcgga aattggttcc gcgatctaca aaagtgaatg gagggagtag 2580
ttgtttctcc aatccgtacc aacgcacgtg tttctaacta gtacttactt ccttcgcacc 2640
acaatatgga atagagggag tatcgataaa ctaacaaaga tgattactta cccggtttaa 2700
atgattcaag agctcattta atttggcact catcatttca tatatctttt ttggtagaaa 2760
tgaaataaag cagatctaga cactagctaa aaagtcgatg tagccttgtt atttccttgg 2820
gccacgcggg ccgggtgtgg tgctccctgc tctgtgtata aatggagatc aacatccaag 2880
gcctcctccc acacacaca gctacagagc agagcagagt cttgctccag tatctgccct 2940
ctcctgcctg cctgtagagc atccatcacg tgaagttcac ggacaaacta cgtacacagg 3000
cagctagete tegaaacete getegaaacg cacetgeaga tegetetett egtegtegte 3060
gccgcgatca tcatcaacag ctccgtctgc cttggagcca cggccgtcca cgacgccgcc 3120
gcctcaggtc agtcgtcgga cggtgtccgt tcatttcctc cccatttttg taattgatta 3180
acttgttata catgctgacc tcgacctgct gaataacgtc cgtccatggt ttcccgtcca 3240
ggcaccccgg gctgcaggaa ttcaccacca caccactcca ccagtaagaa gtgcagcagg 3300
tagctagtaa gccggcgtag ctttgctctt gcagctagct agctaaccat ggccgcctct 3360
gcctcttgcc tttctcttgt ggtgctcgtg gctctggcca cggcggcgtc ggcgcagctg 3420
tcaccgacct tctacgacac gtcctgcccc agggccctgg ccatcatcaa gagtggcgtc 3480
atggccgccg tgagcagcga ccctcggatg ggcgcgtcgc tgctccggct gcacttccac 3540
gactgcttcg tccaaggctg cgacgcgtct gttttgctgt ctggcatgga acaaaatgct 3600
atcccgaacg cggggtcgct gaggggcttc ggcgtcatcg acagcatcaa gacgcagatc 3660
gaggccatct gcaatcagac cgtctcctgc gccgacatcc tcaccgtcgc cgcccgtgac 3720
tccgttgtag ccctcggagg gccgtcatgg acagtccctc tggggagaag agattccaca 3780
gatgcaaacg aggcggcggc aaacagcgac ctgccaggct ttacatctag ccggtcagat 3840
cttgagctgg cattcagaaa caagggcctc cttacgatcg acatggtggc cctctcgggc 3900
gcgcacacca tcggccaggc gcagtgtggg acctttaagg acaggatcta caatgagact 3960
aacatcgaca cggccttcgc cacatctctc cgggccaact gccccaggtc aaacggcgac 4020
```

gggagcctgg	cgaacctgga	cacgacgacg	gccaacacgt	tcgataacgc	ctactacacc	4080
aacctcatgt	cacagaaggg	gctcctgcac	tcggaccagg	tgctgttcaa	caacgacacc	4140
accgacaaca	ctgtccggaa	ctttgcgtcg	aacccagcgg	cgttcagcag	cgccttcacg	4200
accgccatga	tcaagatggg	caacatcgcg	ccgaagacag	gcacgcaggg	gcagatcagg	4260
ctcagctgct	ccagggtgaa	ctcgtgattg	atagacgagt	tactgcatac	tagccagcac	4320
gacacgtacg	tgaatgaata	aggccacaga	accagtggcc	aatataaata	ccagctcttg	4380
aaaccgtgta	ttttatgtac	gagtagcagc	aaatcatgca	tgcatctaca	catatatatg	4440
taacgatcga	attcccactt	tctcatgcaa	aggcatggag	aattactatc	aatcttagtt	4500
atacgtgtat	aaaaagcggc	cgcgaattcg	atatcaagct	tatcgatacc	gtcgacctcg	4560
acctgcaggc	atgcccgctg	aaatcaccag	tctctctcta	caaatctatc	tctctctata	4620
ataatgtgtg	agtagttccc	agataaggga	attagggttc	ttatagggtt	tcgctcatgt	4680
gttgagcata	taagaaaccc	ttagtatgta	tttgtatttg	taaaatactt	ctatcaataa	4740
aatttctaat	tcctaaaacc	aaaatccagg	ggtaccgagc	tcgaattcta	gtctacgcgg	4800
ccgcgagctc	cagcttttgt	tccctttagt	gagggttaat	tgcgcgcttg	gcgtaatcat	4860
ggtcatagct	gtttcctgtg	tgaaattgtt	atccgctcac	aattccacac	aacatacgag	4920
ccggaagcat	aaagtgtaaa	gcctggggtg	cctaatgagt	gagctaactc	acattaattg	4980
cgttgcgctc	actgcccgct	ttccagtcgg	gaaacctgtc	gtgccagctg	cattaatgaa	5040
tcggccaacg	cgcggggaga	ggcggtttgc	gtattgggcg	ctcttccgct	tcctcgctca	5100
ctgactcgct	gcgctcggtc	gttcggctgc	ggcgagcggt	atcagctcac	tcaaaggcgg	5160
taatacggtt	atccacagaa	tcaggggata	acgcaggaaa	gaacatgtga	gcaaaaggcc	5220
agcaaaaggc	caggaaccgt	aaaaaggccg	cgttgctggc	gtttttccat	aggctccgcc	5280
cccctgacga	gcatcacaaa	aatcgacgct	caagtcagag	gtggcgaaac	ccgacaggac	5340
tataaagata	ccaggcgttt	ccccctggaa	gctccctcgt	gcgctctcct	gttccgaccc	5400
tgccgcttac	cggatacctg	tccgcctttc	tcccttcggg	aagcgtggcg	ctttctcata	5460
gctcacgctg	taggtatctc	agttcggtgt	aggtcgttcg	ctccaagctg	ggctgtgtgc	5520
acgaaccccc	cgttcagccc	gaccgctgcg	ccttatccgg	taactatcgt	cttgagtcca	5580
acccggtaag	acacgactta	tcgccactgg	cagcagccac	tggtaacagg	attagcagag	5640
cgaggtatgt	aggcggtgct	acagagttct	tgaagtggtg	gcctaactac	ggctacacta	5700
gaaggacagt	atttggtatc	tgcgctctgc	tgaagccagt	taccttcgga	aaaagagttg	5760
gtagctcttg	atccggcaaa	caaaccaccg	ctggtagcgg	tggtttttt	gtttgcaagc	5820
agcagattac	gcgcagaaaa	aaaggatctc	aagaagatcc	tttgatcttt	tctacggggt	5880
ctgacgctca	gtggaacgaa	aactcacgtt	aagggatttt	ggtcatgaga	ttatcaaaaa	5940
ggatcttcac	ctagatcctt	ttaaattaaa	aatgaagttt	taaatcaatc	taaagtatat	6000
atgagtaaac	ttggtctgac	agttaccaat	gcttaatcag	tgaggcacct	atctcagcga	6060
tctgtctatt	tcgttcatcc	atagttgcct	gactccccgt	cgtgtagata	actacgatac	6120
gggagggctt	accatctggc	cccagtgctg	caatgatacc	gcgagaccca	cgctcaccgg	6180
ctccagattt	atcagcaata	aaccagccag	ccggaagggc	cgagcgcaga	agtggtcctg	6240
caactttatc	cgcctccatc	cagtctatta	attgttgccg	ggaagctaga	gtaagtagtt	6300
cgccagttaa	tagtttgcgc	aacgttgttg	ccattgctac	aggcatcgtg	gtgtcacgct	6360
cgtcgtttgg	tatggcttca	ttcagctccg	gttcccaacg	atcaaggcga	gttacatgat	6420
ccccatgtt	gtgcaaaaaa	gcggttagct	ccttcggtcc	tccgatcgtt	gtcagaagta	6480
agttggccgc	agtgttatca	ctcatggtta	tggcagcact	gcataattct	cttactgtca	6540
tgccatccgt	aagatgcttt	tctgtgactg	gtgagtactc	aaccaagtca	ttctgagaat	6600
agtgtatgcg	gcgaccgagt	tgctcttgcc	cggcgtcaat	acgggataat	accgcgccac	6660
atagcagaac	tttaaaagtg	ctcatcattg	gaaaacgttc	ttcggggcga	aaactctcaa	6720
ggatcttacc	gctgttgaga	tccagttcga	tgtaacccac	tcgtgcaccc	aactgatctt	6780
cagcatcttt	tactttcacc	agcgtttctg	ggtgagcaaa	aacaggaagg	caaaatgccg	6840
caaaaaaggg	aataagggcg	acacggaaat	gttgaatact	catactcttc	ctttttcaat	6900
attattgaag	catttatcag	ggttattgtc	tcatgagcgg	atacatattt	gaatgtattt	6960
agaaaaataa	acaaataggg	gttccgcgca	catttccccg	aaaagtgcca	С	7011

<sup>&</sup>lt;210> 6

<sup>&</sup>lt;211> 746

<sup>&</sup>lt;212> DNA

<sup>&</sup>lt;213> Triticum sp.

```
<400> 6
agcttattac atagcaagca tggggtactc caaaacccta gtagctggcc tgttcgcaat 60
gctgttacta gctccggccg tcttggccac cgacccagac cctctccagg acttctgtgt 120
cgccgacctc gacggcaagg cggtctcggt gaacgggcac acgtgcaagc ccatgtcgga 180
ggccggcgac gacttcctct tctcgtccaa gttggccaag gccggcaaca cgtccacccc 240
gaacggctcc gccgtgacgg agctcgacgt ggccgagtgg cccggtacca acacgctggg 300
tgtgtccatg aaccgcgtgg actttgctcc cggaggcacc aacccaccac acatccaccc 360
qcqtqccacc qaqatcqqca tcqtqatqaa aqqtqaqctt ctcqtqqqaa tccttqqcaq 420
cctcgactcc gggaacaagc tctactcgag ggtggtgcgc gccggagaga cgttcctcat 480
cccacggggc ctcatgcact tccagttcaa cgtcggtaag accgaggcct ccatggtcgt 540
ctccttcaac agccagaacc ccggcattgt cttcgtgccc ctcacgctct tcggctccaa 600
cccqcccatc ccaacqccqq tqctcaccaa qqcactccqq qtqqaqqcca qqqtcqtqqa 660
acttctcaag tccaagtttg ccgctgggtt ttaatttcta ggagccttcc ctgaaatgat 720
aattatata ttccatatat gcatgc
                                                                  746
<210> 7
```

<211> 6452 <212> DNA

<213> Triticum sp.

<400> 7

ctaaattgta agcgttaata ttttgttaaa attcgcgtta aatttttgtt aaatcagctc 60 attttttaac caataggccg aaatcggcaa aatcccttat aaatcaaaag aatagaccga 120 gatagggttg agtgttgttc cagtttggaa caagagtcca ctattaaaga acgtggactc 180 caacgtcaaa gggcgaaaaa ccgtctatca gggcgatggc ccactacg